

***MADAN, MOSSMAN & SRIRAM, P.C.*****Attorneys At Law****2603 Augusta Drive, Suite 700, Houston, Texas 77057-5638 713 266-1130 Fax 713 266-8510****FACSIMILE COVER SHEET****DATE:** October 5, 2004**FOR:** Examiner Shun K. Lee**COMPANY OR FIRM:** PTO**FACSIMILE NO.:** (703) 872-9306**FROM:** Kaushik P. Sriram**RE:** **Serial No.: 10/730,552****Docket No.: 584-35673-US****Title: "Method and Apparatus for Determining the  
Thermal Neutron Capture Cross-Section of a  
Subsurface Formation from a Borehole"****RECEIVED  
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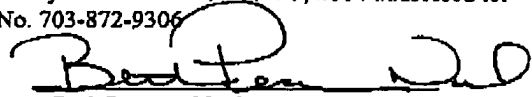
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Beth Pearson Naul**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: W. Allen Gilchrist et al.	§	Group Art Unit: 2878
	§	
SERIAL NO.: 10/730,552	§	
	§	
FILED: December 8, 2003	§	Examiner: LEE, SHUN K
	§	
TITLE: "Method and Apparatus for Determining the Thermal Neutron Capture Cross-Section of a Subsurface Formation from a Borehole"	§	Confirmation No.: 1482
	§	
	§	Atty Docket No.: 584-35673-US
	§	

**PRELIMINARY AMENDMENT**

Prior to any substantive action in the case, please amend the application as indicated below. Amendments to the claims start on page 2 of this document.